

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

Claims 1-44 (cancelled)

45. (currently amended) A method of providing a monomer mixture, the method comprising:

providing a reaction mixture comprising

at least one cyclic siloxane,

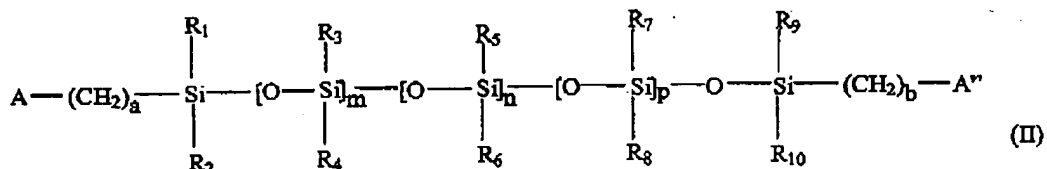
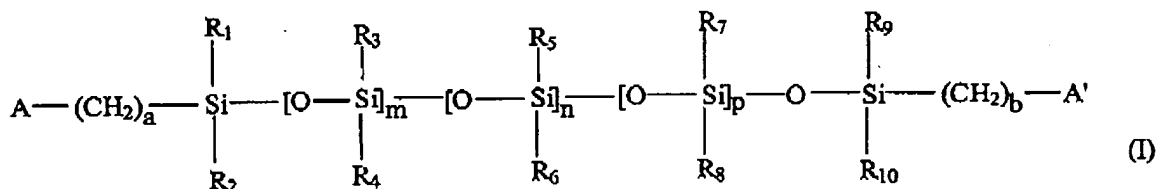
at least one trialkyl siloxane end capping agent, and

at least one activated unsaturated radical,

a catalyst; and

reacting the reaction mixture to provide

(a) a mixture of polysiloxane prepolymers represented by formulae (I) and (II):



wherein:

each A and A' is an activated unsaturated radical;

A'' is an alkyl group;

each R<sub>1</sub>-R<sub>10</sub> is independently an alkyl, fluoroalkyl, alcohol, ether, or fluoroether group having 1-10 carbons, or an aromatic group having 6-18 carbons;

each m, n, and p are independently 0 to 200, m+n+p being from about 23 to 200;

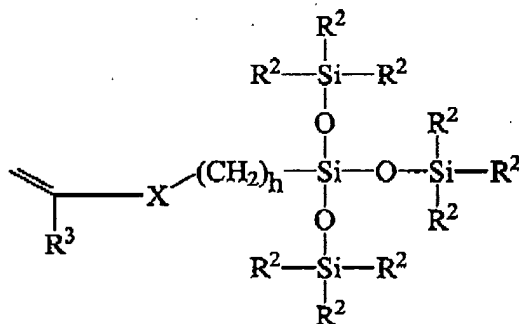
each a is 1 to 10; and

each b is 0 to 10.

46. (original) The method of claim 45, further comprising the step of adding a hydrophilic monomer to the mixture of polysiloxane prepolymers.

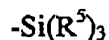
47. (original) The method of claim 45, further comprising the step of adding a monofunctional, ethylenically unsaturated silicone-containing monomer to the mixture of polysiloxane prepolymers.

48. (original) The method of claim 47, wherein the monofunctional, ethylenically unsaturated silicone-containing monomer is represented by the formula:



wherein:

X denotes -COO-, -CONR<sup>4</sup>-, -OCOO-, or -OCONR<sup>4</sup>- where each where R<sup>4</sup> is independently H or lower alkyl; R<sup>3</sup> denotes hydrogen or methyl; h is 1 to 10; and each R<sup>2</sup> independently denotes a lower alkyl radical, a phenyl radical or a radical of the formula



wherein each R<sup>5</sup> is independently a lower alkyl radical or a phenyl radical.

49. (original) The method of claim 48, wherein the monofunctional, ethylenically unsaturated silicone-containing monomer includes methacryloxypropyl tris(trimethylsiloxy)silane.

50. (original) The method of claim 46, wherein the hydrophilic monomer includes an acrylic-containing monomer.

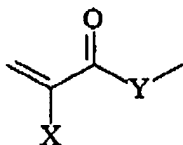
51. (original) The method of claim 50, wherein the hydrophilic monomer includes N,N-dimethyl acrylamide.

52. (original) The method of claim 46, wherein the hydrophilic monomer includes a vinyl-containing monomer.

53. (original) The method of claim 52, wherein the hydrophilic monomer includes N-vinyl pyrrolidone.

54. (original) The method of claim 46, wherein the hydrophilic monomer includes at least one member selected from the group consisting of N,N-dimethyl acrylamide and N-vinyl pyrrolidone.

55. (original) The method of claim 45, wherein in Formulae (I) and (II), each A and A' is a radical represented by the formula:



wherein X is hydrogen or methyl, and Y is -O- or -NH-.

56. (original) The method of claim 55, wherein A' is methyl.

57. (original) The method of claim 55, wherein in Formulae (I) and (II), each R<sub>1</sub>-R<sub>10</sub> is an alkyl or a fluoroalkyl group.

58. (original) The method of claim 57, wherein in Formulae (I) and (II), each R<sub>1</sub>-R<sub>10</sub> is methyl.

59. (original) The method of claim 57, wherein in Formulae (I) and (II), each m+n+p is within the range of 25 to 50.

60. (original) The method of claim 57, wherein the prepolymer of Formula (II) is present at 1 to 70 mole % based on total mole % of the Formulae (I) and (II) prepolymers.

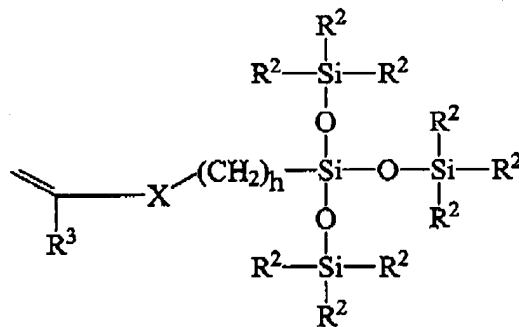
61. (original) The method of claim 60, wherein the prepolymer of Formula (II) is present at 25 to 50 mole % based on total mole % of the Formulae (I) and (II) prepolymers.

62. (original) The method of claim 61, wherein the prepolymer of Formula (II) is present at 40 to 50 mole % based on total mole % of the Formulae (I) and (II) prepolymers.

63. (original) A method of providing a hydrogel, the method comprising subjecting the monomer mixture of claim 46 to polymerizing conditions.

64. (original) The method of claim 63, further comprising the step of adding a monofunctional, ethylenically unsaturated silicone-containing monomer to the monomer mixture prior to subjecting the monomer mixture to polymerizing conditions.

65. (original) The method of claim 64, wherein the monofunctional, ethylenically unsaturated silicone-containing monomer is represented by the formula:



wherein:

X denotes -COO-, -CONR<sup>4</sup>-, -OCOO-, or -OCONR<sup>4</sup>- where each where R<sup>4</sup> is independently H or lower alkyl; R<sup>3</sup> denotes hydrogen or methyl; h is 1 to 10; and each R<sup>2</sup> independently denotes a lower alkyl radical, a phenyl radical or a radical of the formula



wherein each R<sup>5</sup> is independently a lower alkyl radical or a phenyl radical.